

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)KÖLN/BONN
RWY 32L

| Designator | Route | After Take-Off | | Remarks |
|--|---|----------------|-------------------------|--|
| | | Climb to | Contact | |
| 1 | 2 | 3 | 4 | 5 |
| SONEB 2M | SONEB TWO MIKE Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to intercept R196 WYP to WYP (Δ); LT, on track 314° to NOKDU (Δ); RT, on track 359° to ERKUM (Δ); RT, on track 005° to SONEB (Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK036[L] - WYP[L] - NOKDU[R] - ERKUM[R] - SONEB. | 5000 ft | Langen Radar 118.750 | <ol style="list-style-type: none"> MAX IAS 220 kt until established on R243 GMH. After WYP BRNAV equipment necessary. Only for flights with RFL 140 or above and flights to EDLE via WYP DCT BAM. Other flights proceed via PODIP. |
| SONEB 3V | SONEB THREE VICTOR Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to intercept R196 WYP to WYP (Δ); LT, on track 320° to LI (Δ); RT, on track 012° to NIKOG (Δ); LT, on track 349° to LUSIX (Δ); LT, on track 346° to SONEB (Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK036[L] - WYP[L] - LI[R] - NIKOG[L] - LUSIX[L] - SONEB. | | | <ol style="list-style-type: none"> MAX IAS 220 kt until established on R243 GMH. By ATC only. After WYP BRNAV equipment necessary. Only for flights with RFL 140 or above and flights to EDLE via WYP DCT BAM. Other flights proceed via PODIP. |
| WYP 1M | WIPPER ONE MIKE Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to intercept R196 WYP to WYP (Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK036[L] - WYP. | | | <ol style="list-style-type: none"> MAX IAS 220 kt until established on R243 GMH. By ATC only. |
| PODIP 4M | PODIP FOUR MIKE Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to 21.1 DME GMH; RT, on R106 WYP to PODIP (Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK038[R] - PODIP. | | | <ol style="list-style-type: none"> MAX IAS 220 kt until established on R243 GMH. Daytime only: Climb with 6.6% (401 ft / NM) or more until passing 5000 due to airspace structure. If unable advise ATC upon start-up. |
| COL 6M | COLA SIX MIKE Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to 25.7 DME GMH; RT on R319 COL to COL(Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK037[R] - COL. | | | <ol style="list-style-type: none"> Only for local training flights at EDDK and for flights from EDDK to EDDF. MAX IAS 220 kt until established on R243 GMH. Daytime only: Climb with 6.6% (401 ft / NM) or more until passing 5000 due to airspace structure. If unable advise ATC upon start-up. |
| KUMIK 4M | KUMIK FOUR MIKE Inbound LJ NDB to 1.7 DME KBO or 700, whichever is later; RT on track 025° to 3.9 DME KBO; RT, on R243 GMH inbound GMH to 21.1 DME GMH; RT, on R106 WYP to PODIP; RT, on track 123° to KUMIK (Δ). GPS/FMS RNAV: [A700+] - <u>DK033</u> [R] - DK035[K220-] - DK038[R] - PODIP[R] - KUMIK. | | | <ol style="list-style-type: none"> MAX IAS 220 kt until established on R243 GMH. After PODIP BRNAV equipment necessary. Daytime only: Climb with 6.6% (401 ft / NM) or more until passing 5000 due to airspace structure. If unable advise ATC upon start-up. |
| NOR 7M | NÖRVENICH SEVEN MIKE Inbound LJ NDB to 2.7 DME KBO or 700, whichever is later; LT on R072 NOR to NOR(Δ). GPS/FMS RNAV: [A700+] - DK031[K195-; L] - NOR. | | Langen Radar 135.350 | <ol style="list-style-type: none"> MAX IAS 195 kt until established on R072 NOR. Flights intending to proceed above FL190 have to be able to cross FIR/UIR boundary (23.0 DME outbound NOR) at FL200 or above. If unable to comply, contact Delivery prior to start-up. |
| (Sample: <u>DK033</u> fly-over way point) | | | | |
| <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p>Remain on TWR frequency until passing 2000, then contact Langen Radar.</p> </div> | | | | |